

Am

Notice of Allowability	Application No.	Applicant(s)	
	10/031,438	HALLDORSSON, THORSTEINN	
	Examiner	Art Unit	
	Arnel C. Lavarias	2872	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/25/05, 3/23/05.
2. ☒ The allowed claim(s) is/are 23-27, 30-35, 40, 43-44, 47-49 (renumbered 1-17).
3. ☒ The drawings filed on 4/15/04, 1/22/02 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

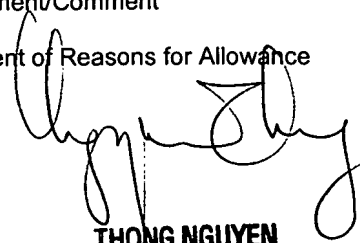
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|--|



THONG NGUYEN
PRIMARY EXAMINER

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 3/25/05 has been entered.

Response to Amendment

2. The amendments to Claims 23, 40, 43-44 in the submission dated 3/25/05 are acknowledged and accepted.
3. The cancellation of Claim 29 in the submission dated 3/25/05 is acknowledged and accepted. In view of these amendments, the objections to the claims in Section 5 of the Office Action dated 11/8/04 are respectfully withdrawn.
4. The addition of Claims 48-49 in the submission dated 3/25/05 is acknowledged and accepted.

Response to Arguments

5. In view of the amendments made to the claims, as well as the remarks and arguments set forth in the Interview Summary dated 3/23/05, the rejections of Claims 23-27, 29-35,

Art Unit: 2872

40, 43-44, and 47 in Sections 7-13 of the Office Action dated 11/8/04 are respectfully withdrawn.

Allowable Subject Matter

6. Claims 23-27, 30-35, 40, 43-44, 47-49 are allowed.

REASONS FOR ALLOWANCE

7. The following is an examiner's statement of reasons for allowance:

Claim 23 is allowable over the cited art of record for at least the reason that the cited art of record fails to teach or reasonably suggest a method of producing a video screen hologram for forming a projected video image thereon, as generally set forth in Claim 23, the method including, in combination, the steps of making a plurality of individual recordings by sequentially illuminating a plurality of different partial areas of the real video screen; and forming a video screen hologram of the entire video screen by a composition of the individual recordings, wherein during reconstruction of the holographic image of a real video screen, the projected video image appears in a hologram plane of the video screen hologram. Claims 24-27, 30-35, and 47 are dependent on Claim 23, and hence are allowable for at least the same reasons that Claim 23 is allowable.

Claim 40 is allowable over the cited art of record for at least the reason that the cited art of record fails to teach or reasonably suggest a video screen hologram for forming a projected video image therein, as generally set forth in Claim 40, the video screen

hologram including, in combination, a plurality of individual recordings, in which a different partial area of the real video screen is imaged as a hologram, an entire image of the whole video screen resulting from assembled or superimposed individual recordings, wherein during reconstruction of the holographic image including optical characteristics of a real video screen, the projected video image appears as an image on the video screen hologram in a hologram plane thereof.

Claim 43 is allowable over the cited art of record for at least the reason that the cited art of record fails to teach or reasonably suggest a video screen hologram for forming a projected video image therein, as generally set forth in Claim 43, the video screen hologram including, in combination, a plurality of individual recordings, each of which contains a holographic image of a different partial area of the real video screen, an entire image of the whole video screen being formed from assembled or superimposed individual recordings, wherein during reconstruction of the holographic image including optical characteristics of a real video screen, the projected video image appears as an image on the video screen hologram in a hologram plane thereof.

Claim 44 is allowable over the cited art of record for at least the reason that the cited art of record fails to teach or reasonably suggest a method of generating a video screen hologram, as generally set forth in Claim 44, the method including, in combination, the steps of illuminating a real video screen by successively illuminating different partial areas of the real video screen; and forming a composite of the individually recorded holographic images to generate a video screen hologram of the entire real video screen,

Art Unit: 2872

wherein each one of the plurality of individual holographic images covers only a single one of the different partial areas of the real video screen.

Claims 48-49 are allowable over the cited art of record for at least the reason that the cited art of record fails to teach or reasonably suggest a method of displaying a video image, and a video display apparatus, as generally set forth in Claims 48-49, the method and apparatus including, in combination, recording a holographic image of a physical object comprising the entirety of a video projection screen, in a holographic recording medium, to create a hologram; and (means for) projecting the video image onto the visually observable representation of the video projection screen, whereby the video image appears to be projected onto the video projection screen, wherein the hologram comprises a composition of holographic images of a plurality of different partial areas of the video projection screen, which partial areas collectively comprise substantially the entirety of the video projection screen.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

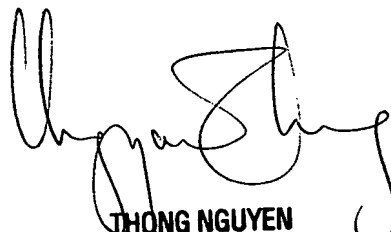
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arnel C. Lavarias whose telephone number is 571-272-2315. The examiner can normally be reached on M-F 9:30 AM - 6 PM EST.

Art Unit: 2872

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Dunn can be reached on 571-272-2312. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Arnel C. Lavarias
5/18/05


THONG NGUYEN
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